

# OLD DRAWINGS

Gag\_AF110965\_BW\_mod

ATGGGCGCCCGCGCCAGCATCCTGCGCGGEGGCAAGCTGGACGCCTGGGAGCGCATCCGCC  
TGCGCCCCGGCGGCAAGAAGTGCTACATGATGAAGCACCTGGTGTGGGCCAGCCGCGAGCT  
GGAGAAGTTCGCCCTGAACCCCGGCCTGCTGGAGACCAGCGAGGGCTGCAAGCAGATCATC  
CGCCAGCTGCACCCCGCCCTGCAGACCGGCAGCGAGGAGCTGAAGAGCCTGTTCAACACCG  
TGGCCACCCTGTACTGCGTGCAAGAGAAGATCGAGGTCCGCGACACCAAGGAGGCCCTGGA  
CAAGATCGAGGAGGAGCAGAACAAGTGCCAGCAGAAGATCCAGCAGGCCGAGGCCGCCGAC  
AAGGGCAAGGTGAGCCAGAATAACCCATCGTGCAAGACCTGCAGGGCCAGATGGTGCACC  
AGGCCATCAGCCCCCGCACCCCTGAACGCCTGGGTGAAGGTGATCGAGGAGAAGGCCTTCAG  
CCCCGAGGTGATCCCCATGTTCAACGCCCTGAGCGAGGGCGCCACCCCCCAGGACCTGAAC  
ACGATGTTGAACACCGTGGGCGGCCACAGGCCGCCATGCAGATGCTGAAGGACACCATCA  
ACGAGGAGGCCCGCGAGTGGGACCGCGTGACCCCGTGACGCCGGCCCCATCGCCCCCGG  
CCAGATGCGCGAGCCCCCGCGGCAGCGACATCGCCGGCACCACCAGCACCCCTGCAGGAGCAG  
ATCGCCTGGATGACCAGCAACCCCCCATCCCCGTGGGCGACATCTACAAGCGGTGGATCA  
TCCTGGGCCTGAACAAGATCGTGCGGATGTACAGCCCCGTGAGCATCCTGGACATCAAGCA  
GGGCCCCAAGGAGCCCTTCCGCGACTACGTGGACCGCTTCTTCAAGACCCTGCGCGCCGAG  
CAGAGCACCCAGGAGGTGAAGAACTGGATGACCGACACCCCTGCTGGTGCAGAACGCCAACC  
CCGACTGCAAGACCATCCTGCGCGCTCTCGGCCCGCGGCCAGCCTGGAGGAGATGATGAC  
CGCCTGCCAGGGCGTGGGCGGCCCCAGCCACAAGGCCCGCGTGCTGGCCGAGGCGATGAGC  
CAGGCCAACACCAGCGTGATGATGCAGAAGAGCAACTTCAAGGGCCCCCGGCGCATCGTCA  
AGTGCTTCAACTGCGGCAAGGAGGGCCACATCGCCCGCAACTGCCGCGCCCCCGCAAGAA  
GGGCTGCTGGAAGTGCGGCAAGGAGGGCCACCAGATGAAGGACTGCACCGAGCGCCAGGCC  
AACTTCCTGGGCAAGATCTGGCCAGCCACAAGGGCCGCCCGGCAACTTCCTGCAGAGCC  
GCCCCGAGCCACCGCCCCCCCCCGCCGAGAGCTTCCGCTTCGAGGAGACCACCCCCGGCCA  
GAAGCAGGAGAGCAAGGACCGCGAGACCCTGACCAGCCTGAAGAGCCTGTTCCGGCAACGAC  
CCCCTGAGCCAGTAA

Figure 1

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ATGGGCGCCCGCGCCAGCATCCTGCGCGGCGAGAAGCTGGACAAGTGGGAGAAGATCCGCC  
TGCGCCCCGGCGGCAAGAAGCACTACATGCTGAAGCACCTGGTGTGGGCCAGCCGCGAGCT  
GGAGGGCTTCGCCCTGAACCCCGGCCTGCTGGAGACCGCCGAGGGCTGCAAGCAGATCATG  
AAGCAGCTGCAGCCCGCCCTGCAGACCGGCACCGAGGAGCTGCGCAGCCTGTACAACACCG  
TGGCCACCCCTGTACTGCGTGCACGCCGGCATCGAGGTCCGCGACACCAAGGAGGCCCTGGA  
CAAGATCGAGGAGGAGCAGAACAAGTCCCAGCAGAAGACCCAGCAGGCCAAGGAGGCCGAC  
GGCAAGGTGAGCCAGAACTACCCCATCGTGCAGAACCTGCAGGGCCAGATGGTGCACCAGG  
CCATCAGCCCCCGCACCCCTGAACGCCTGGGTGAAGGTGATCGAGGAGAAGGCCTTCAGCCC  
CGAGGTGATCCCCATGTTACCGCCCTGAGCGAGGGCGCCACCCCCCAGGACCTGAACAG  
ATGTTGAACACCGTGGGCGGCCACCAGGCCGCCATGCAGATGCTGAAGGACACCATCAACG  
AGGAGGCCGCCGAGTGGGACCGCCTGCACCCCGTGCAGGCCGGCCCCGTGGCCCCCGGCCA  
GATGCGCGACCCCCCGCGGCAGCGACATCGCCGGCGCCACCAGCACCTGCAGGAGCAGATC  
GCCTGGATGACCAGCAACCCCCCGTGCCCGTGGGCGACATCTACAAGCGGTGGATCATCC  
TGGGCCTGAACAAGATCGTGGGATGTACAGCCCCGTGAGCATCCTGGACATCCGCCAGGG  
CCCCAAGGAGCCCTTCGCGACTACGTGGACCGCTTCTTCAAGACCTGCGCGCCGAGCAG  
GCCACCCAGGACGTGAAGAACTGGATGACCGAGACCCCTGCTGGTGCAGAACGCCAACCCG  
ACTGCAAGACCATCCTGCGCGCTCTCGGCCCGCGGCCACCCTGGAGGAGATGATGACCGC  
CTGCCAGGGCGTGGGCGGCCCCGGCCACAAGGCCCGCGTGCTGGCCGAGGCGATGAGCCAG  
GCCAACAGCGTGAACATCATGATGCAGAAGAGCAACTTCAAGGGCCCCCGGCGCAACGTCA  
AGTGCTTCAACTGCGGCAAGGAGGGCCACATCGCCAAGAACTGCCGCGCCCCCGCAAGAA  
GGGCTGCTGGAAGTGCGGCAAGGAGGGCCACCAGATGAAGGACTGCACCGAGCGCCAGGCC  
AACTTCCTGGGCAAGATCTGGCCCAGCCACAAGGGCCGCCCGGCAACTTCCTGCAGAAC  
GCAGCGAGCCCGCGCCCCCACCGTGCCACCGCCCCCCCCCGCGAGAGCTTCGGCTTCGA  
GGAGACCACCCCCGCCCCAAGCAGGAGCCCAAGGACCGCGAGCCCTACCGCGAGCCCCTG  
ACCGCCCTGCGCAGCCTGTTTCGGCAGCGGCCCCCTGAGCCAGTAA

Figure 2

Fig. 3

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--> signal peptide (1-81)  
ATGCGCGTGATGGGCATCCTGAAGAACTACCAGCAGTGGTGGATGTGGGGCATCCTGGGCTTCTGGATGCTGATCA  
TCAGCAGCGTGGTGGGCAACCTGTGGGTGACCGTGTACTACGGCGTGCCCGTGTGGAAGGAGGCCAAGACCACCT  
GTTCTGCACGACGACGCCAAGGCCCTACGAGACCGAGGTGCACAACGTGTGGGCCACCCACGCCCTGCGTGCCACC  
GACCCCAACCCCAAGGAGATCGTGCTGGAGAACGTGACCGAGAACTCAACATGTGGAAGAAGACATGGTGGACC  
AGATGCACGAGGACATCATCAGCCTGTGGGACCAGAGCCTGAAGCCCTGCGTGAAGCTGACCCCTGTGCGTGAC  
CCTGAAGTGCCGAACGTGAACGCCACCAACAACATCAACAGCATGATCGACAACAGCAACAAGGGCGAGATGAAG  
AACTGCAGCTTCAACGTGACCACCGAGCTGCGCGACCGCAAGCAGGAGGTGCACGCCCTGTTCTACCGCTGGACG  
TGGTGCCCTGTCAGGGCAACAACAGCAACGAGTACCGCCTGATCAACTGCAACACCAGCGCCATCACCAGGCCTG  
CCCCAAGGTGAGCTTCGACCCCATCCCCATCCACTACTGCACCCCGCCGGCTACGCCATCCTGAAGTGCAACAAC  
CAGACCTTCAACGGCACCGGCCCTGCAACAACGTGAGCAGCGTGAGTGCGCCACGGCATCAAGCCCGTGGTGA  
GCACCCAGCTGCTGCTGAACGGCAGCCTGGCCAAGGGCGAGATCATCATCCGACGAGAACCTGGCCAACAACGC  
CAAGATCATCATCGTGACGTGAACAAGCCCGTGAAGATCGTGTGCGTGCGCCCAACAACAACACCCGCAAGAGC  
GTGCGCATCGGCCCGGCCAGACCTTCTACGCCACCGCGGAGATCATCGGCGACATCCGCCAGGCCTACTGCATCA  
TCAACAAGACCGAGTGGAACAGCACCTGTCAGGGCGTGAGCAAGAAGCTGGAGGAGCACTTCAAGCAAGAAGGCCAT  
CAAGTTCGAGCCAGCAGCGCGCGACCTGGAGATCACCAACACAGCTTCAACTGCCGCGCGAGTTCTTCTAC  
TGCGACACCAGCCAGCTGTTCAACAGCACCTACAGCCCCAGCTTCAACGGCACCGAGAACAAGCTGAACGGCACCA  
TCACCATCACCTGCCGCATCAAGCAGATCATCAACATGTGGCAGAAGGTGGGCCGCGCCATGTACGCCCCCCCCAT  
CGCCGGAACCTGACCTGCGAGAGCAACATCACCGCCCTGCTGCTGACCCGCGACGGCGGAAGACCGGCCCAAC  
GACACCGAGATCTTCGCCCCCGCGCGCGGCGACATGCGCGACAACCTGGCGCAACGAGCTGTACAAGTACAAGGTGG  
TGGAGATCAAGCCCTGGGCGTGGCCCCACCGAGGCCAAGCGCCGCGTGGTGGAGCGCGAGAGCGCGCGCTGGG  
CATCGGCGCGTGTCTTGGGCTTCTTGGGCGCGCGCGCAGCACCATGGGCGCGCCAGCATACCCCTGACCGTG  
CAGGCCCGCTGCTGCTGAGCGGCATCGTGACGAGCAGAACAACCTGCTGCGCGCCATCGAGGCCAGCAGCACC  
TGCTGCAGCTGACCGTGTGGGGCATCAAGCAGCTGCAGACCCGCATCCTGGCCGTGGAGCGCTACCTGAAGGACCA  
GCAGCTGCTGGGCATCTGGGGTGCAGCGGCAAGCTGATCTGCACCACCGCCGTGCCCTGGAACAGCAGCTGGAGC  
AACCGCAGCCACGACGAGATCTGGGACAACATGACCTGGATGCAGTGGGACCGCGAGATCAACAACCTACACCGACA  
CCATCTACCGCTGCTGGAGGAGAGCCAGAACCAGCAGGAGAAGAACGAGAAGGACCTGCTGGCCCTGGACAGCTG  
GCAGAACCTGTGGAACCTGGTTCAGCATCACCAACTGGCTGTGGTACATCAAGATCTTCATCATGATCGTGGGCGGC  
CTGATCGGCCTGCGCATCATCTTCGCCGTGCTGAGCATCGTGAACCGCGTGCGCCAGGGCTACAGCCCCCTGCCCT  
TCCAGACCTGACCCCCAACCCCGCGAGCCCGACCGCTGGGCCGATCGAGGAGGAGGGCGGCGAGCAGGACCG  
CGGCCGCGCATCCGCTGGTGAGCGGCTTCTGGCCCTGGCCTGGGACGACCTGCGCAGCCTGTGCTGTTCAGC  
TACCACCGCTGCGCGACTTCATCTGATCGCCCGCCGCTGCTGGAGCTGCTGGGCCAGCGCGCTGGGAGGCC  
TGAAGTACCTGGGCAGCCTGGTGCAGTACTGGGGCTGGAGCTGAAGAAGAGCGCCATCAGCCTGCTGGACACCAT  
CGCCATCGCCGTGGCCGAGGGCACCGCATCATCGAGTTCATCCAGCGCATCTGCCGCGCCATCCGCAACATC  
CCCCCGCGCATCCGCCAGGGCTTCGAGGCCGCCCTGCAGTAA  
gp120 (1512) <--\ /--> (1513) gp41  
gp140 (2025) <--\ /  
gp160, gp41 (2547) <--\ /

Fig. 4

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--> signal peptide (1-72) \/-->  
ATGCGCGTGCGCGGCATCCTGCGCAGCTGGCAGCAGTGGTGGATCTGGGGCATCCTGGGCTTCTGGATCTGCAAGCG  
gp120/140/160 (72)  
GCCTGGGCAACCTGTGGGTGACCGTGTACGACGGCGTGCCCGTGTGGCGGAGGCCAGCACCACCTGTTCTGCGC  
CAGCGACGCCAAGGCCTACGAGAAGGAGGTGCACAACGTGTGGGCCACCCACGCCTGCGTGCCACCGACCCCAAC  
CCCCAGGAGATCGAGCTGGACAACGTGACCGAGAACTTCAACATGTGGAAGAAGACATGGTGGACCAGATGCACG  
AGGACATCATCAGCCTGTGGGACCAGAGCCTGAAGCCCCGCGTGAAGCTGACCCCCCTGTGCGTGACCTGAAGTG  
CACCAACTACAGCACCAACTACAGCAACACCATGAACGCCACCAGCTACAACAACAACACCACCGAGGAGATCAAG  
AACTGCACCTTCAACATGACCACCGAGCTGCGCGACAAGAAGCAGCAGGTGTACGCCCTGTTCTACAAGCTGGACA  
TCGTGCCCTTGAACAGCAACAGCAGCGAGTACCGCCTGATCAACTGCAACACCAGCGCCATCACCAGGCTGCCC  
CAAGGTGAGCTTCGACCCCATCCCCATCCACTACTGCGCCCCCGCGGTACGCCATCCTGAAGTGAAGAACAAC  
ACCAGCAACGGCACCAGCCCCCTGCCAGAACGTGAGCACCGTGCAGTGCACCCACGGCATCAAGCCCGTGGTGAGCA  
CCCCCTGTGCTGAACGGCAGCCTGGCCGAGGGCGCGAGATCATCCTCCGAGCAAGAACCTGAGCAACAACGC  
CTACACCATCATCGTGACCTGAACGACAGCGTGGAGATCGTGTGCACCCGCCCAACAACAACACCCGCAAGGGC  
ATCCGCATCGGCCCCGCGCAGACCTTCTACGCCACCGAGAACATCATCGCGACATCCGCCAGGCCACTGCAACA  
TCAGCGCCGCGAGTGGAACAAGGCCGTGCGAGCGGTGAGCGCAAGCTGCGCGAGCACTTCCCCAACAAGACCAT  
CGAGTTCAGCCCAGCAGCGCGGCGGACCTGGAGATCACCACCCACAGCTTCAACTGCCGCGCGAGTTCTTCTAC  
TGCAACACCAGCAAGCTGTTCAACAGCAGCTACAACGGCACCAGCTACCGCGGCACCGAGAGCAACAGCAGCATCA  
TCACCTGCCCCTGCCGCATCAAGCAGATCATCGACATGTGGCAGAAGGTGGGCCGCGCCATCTACGCCCCCCCCAT  
CGAGGGCAACATCACCTGCAGCAGCAGCATCACCGGCCTGCTGCTGGCCCGCGACGGCGGCCTGGACAACATCACC  
ACCGAGATCTTCCGCCCCCAGGGCGGCGACATGAAGGACAACCTGGCGCAACGAGCTGTACAAGTACAAGTGGTGG  
AGATCAAGCCCCCTGGGCGTGGCCCCCACCAGGCCAAGCGCCGCGTGGTGGAGCGCGAGAAGCGCGCCGTGGGCAT  
CGGCGCCGTGATCTTCGGCTTCTTGGGCGCCGCGGCGAGCAACATGGGCGCCGCCAGCATCACCTGACCGCCAG  
GCCCCCAGCTGCTGAGCGGCATCGTGCAGCAGCAGAGCAACCTGCTGCGCGCCATCGAGGCCAGCAGCACATGC  
TGCACTGACCGTGTGGGCGATCAAGCAGCTGCAGGCCCGCGTGTGGCCATCGAGCGCTACCTGAAGGACCAGCA  
GCTGCTGGGCGATCTGGGGTGCAGCGCAAGCTGATCTGCACCACCACCGTGCCCTGGAACAGCAGCTGGAGCAAC  
AAGACCCAGGGCGAGATCTGGGAGAACATGACCTGGATGCAGTGGGACAAGGAGATCAGCAACTACCCGGCATCA  
TCTACCGCCTGCTGGAGGAGAGCCAGAACCAGCAGGAGCAGAACGAGAAGGACCTGCTGGCCCTGGACAGCCGCAA  
CAACCTGTGGAGCTGGTTCAACATCAGCAACTGGCTGTGGTACATCAAGATCTTCATCATGATCGTGGCGGCCTG  
ATCGGCCTGCGCATCATCTTCGCCGTGCTGAGCATCGTGAACCGCGTGCGCCAGGGCTACAGCCCCCTGAGCTTCC  
AGACCTGACCCCCAACCCCCGCGGCCTGGACCGCCTGGGCCGATCGAGGAGGAGGGCGGCGAGCAGGACCGCGA  
CCGAGCATCCGCTGGTGCAGGGCTTCCTGGCCCTGGCCTGGGACGACCTGCGCAGCCTGTGCTGTTACAGTAC  
CACCGCCTGCGCGACCTGATCCTGGTGACCGCCCGCGTGGTGGAGCTGCTGGGCGCAGCAGCCCCGCGGCCTGC  
AGCGCGGTGGGAGGCCCTGAAGTACCTGGGCGAGCCTGGTGCAGTACTGGGGCCTGGAGCTGAAGAAGAGCGCCAC  
CAGCCTGCTGGACAGCATCGCCATCGCCGTGGCCGAGGGCACCGACCGCATCATGAGGTGATCAGCGCATCTAC  
CGCGCCTTCTGCAACATCCCCGCGCGTGGCCAGGGCTTCGAGGCCGCGCTGCAGTAA  
gp120 (1509) <--\/--> (1510) gp41  
gp140 (2022) <--\/  
gp160, gp41 (2565) <--\

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ATGGGGCGCCCGCGCCAGCATCTGCGCGGGCGGCAAGCTGGACGCCCTGGGAGCGCATCCGCCTGCGCCCCGG  
CGGCAAGAAGTGCTACATGATGAAGCACCTGGTGTGGGCCAGCCGCGAGCTGGAGAAGTTGCGCCTGAACC  
CCGGCCTGCTGGAGACCAGCGAGGGCTGCAAGCAGATCATCCGCCAGCTGCACCCCGCCCTGCAGACCGGC  
AGCGAGGAGCTGAAGAGCCTGTTCAACACCGTGGCCACCCTGTACTGCGTGCACGAGAAGATCGAGGTGCG  
CGACACCAAGGAGGCCCTGGACAAGATCGAGGAGGAGCAGAACAAGTGCCAGCAGAAGATCCAGCAGGCCG  
AGGCCGCCGACAAGGGCAAGGTGAGCCAGAACTACCCCATCGTGCAGAACCTGCAGGGCCAGATGGTGCAC  
CAGGCCATCAGCCCCCGCACCTGAACGCCCTGGGTGAAGGTGATCGAGGAGAAGGCCTTCAGCCCCGAGGT  
GATCCCCATGTTACCCGCCCTGAGCGAGGGCGCCACCCCCAGGACCTGAACACCATGCTGAACACCGTGG  
GCGGCCACCAAGGCCGCCATGCAGATGCTGAAGGACACCATCAACGAGGAGGCCGCCGAGTGGGACCGCGTG  
CACCCCGTGACAGCGCGGCCCATCGCCCCCGGCCAGATGCGCGAGCCCCGCGGCAGCGACATCGCCGGCAC  
CACCAGCACCTGCAGGAGCAGATCGCCTGGATGACCAGCAACCCCCCATCCCCGTGGGCGACATCTACA  
AGCCCTGGATCATCTGGGCCTGAACAAGATCGTGCCCATGTACAGCCCCGTGAGCATCCTGGACATCAAG  
CAGGGCCCCAAGGAGCCCTTCGCGGACTACGTGGACCGCTTCTTCAAGACCTGCGCGCCGAGCAGAGCAC  
CCAGGAGGTGAAGAACTGGATGACCGACACCCTGCTGGTGCAGAACGCCAACCCCGACTGCAAGACCATCC  
TGCGCGCCCTGGGCCCCGGCGCCAGCCTGGAGGAGATGATGACCGCCTGCCAGGGCGTGGGCGGCCCCAGC  
CACAAAGGCCCGCGTGTGGCCGAGGCGATGAGCCAGGCCAACACCAGCGTGATGATGCAGAAGAGCAACTT  
CAAGGGCCCCCGCATCGTGAAGTGCTTCAACTGCGGCAAGGAGGGCCACATCGCCCGCAACTGCCGCG  
CCCCCGCAAGAAGGGCTGCTGGAAGTGCGGCAAGGAGGGCCACCAGATGAAGGACTGCACCGAGCGCCAG  
GCCAACTTCCTGGGCAAGATCTGGCCAGCCACAAGGGCGCCCCGGCAACTTCCTGCAGAGCCGCCCCGA  
GCCACCGCCCCCCCCCGCGAGAGCTTCGCTTCGAGGAGACCACCCCGGCCAGAAGCAGGAGAGCAAGG  
ACCGCGAGACCCTGACCAGCCTGAAGAGCCTGTTCCGGCAACGACCCCTGAGCCAGTAA

Figure 5

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ATGGGCGCCCGCCAGCATCTGCGCGGCGAGAAGCTGGACAAGTGGGAGATCCGCCTGCGCCCCGG  
CGGCAAGAAGCACTACATGCTGAAGCACCTGGTGTGGGCCAGCCGCGAGCTGGAGGGCTTCGCCCTGAACC  
CCGGCCTGCTGGAGACCGCCGAGGGCTGCAAGCAGATCATGAAGCAGCTGCAGCCCGCCCTGCAGACCGGC  
ACCGAGGAGCTGCGCAGCCTGTACAACACCGTGGCCACCCTGTACTGCGTGACGCCGGCATCGAGGTGCG  
CGACACCAAGGAGGCCCTGGACAAGATCGAGGAGGAGCAGAACAAGAGCCAGCAGAAGACCCAGCAGGCCA  
AGGAGGCCGACGGCAAGGTGAGCCAGAACTACCCCATCGTGCAGAACCTGCAGGGCCAGATGGTGCACCAG  
GCCATCAGCCCCCGCACCCCTGAACGCCTGGGTGAAGGTGATCGAGGAGAAGGCCTTCAGCCCCGAGGTGAT  
CCCCATGTTCAACGCCCTGAGCGAGGGCGCCACCCCCCAGGACCTGAACACCATGCTGAACACCGTGGGCG  
GCCACCAGGCCGCCATGCAGATGCTGAAGGACACCATCAACGAGGAGGCCGCCGAGTGGGACCGCCTGCAC  
CCCGTGCAGGCCGGCCCGTGGCCCCCGGCCAGATGCGCGACCCCCCGGGCAGCGACATCGCCGGCGCCAC  
CAGCAACCTGCGAGGAGCAGATCGCCTGGATGACCAGCAACCCCCCGTGGCGGACATCTACAAGC  
CGTGGATCATCTGGGCTGAACAAGATCGTGGCATGTACAGCCCCGTGAGCATCTGGACATCCGCCAG  
GGCCCCAAGGAGCCCTTCGCGACTACGTGGACCGCTTCTTCAAGACCCTGCGCGCGAGCAGGCCACCCA  
GGACGTGAAGAACTGGATGACCGAGACCCTGCTGGTGCAGAACGCCAACCCCGACTGCAAGACCATCCTGC  
GCGCCCTGGGCCCCGGCGCCACCTGGAGGAGATGATGACCGCCTGCCAGGGCGTGGGCGGCCCGGCCAC  
AAGGCCCGCGTGTGGCCGAGGCGATGAGCCAGGCCAACAGCGTGAACATCATGATGCAGAAGAGCAACTT  
CAAGGGCCCCCGCGCAACGTGAAGTGTCAACTGCGGCAAGGAGGGCCACATCGCCAAGAAGTGCCTGCG  
CCCCCGCAAGAAGGGCTGCTGGAAGTGGGCAAGGAGGGCCACCAGATGAAGGACTGCACCGAGCGCCAG  
GCCAACTTCTGGGCAAGATCTGGCCAGCCACAAGGGCCGCCCGGCAACTTCTGCAGAACCGCAGCGA  
GCCCCCGCCCCCACCCTGCCACCGCCCCCCCCCGCGAGAGCTTCGCTTCGAGGAGACCACCCCGGCC  
CCAAGCAGGAGCCCAAGGACCGCGAGCCCTACCGCGAGCCCTGACCGCCCTGCGCAGCCTGTTCGGCAGC  
GGCCCCCTGAGCCAGTAA

Figure 6